INTERNATIONAL SEARCH REPORT

Application No Interna PCT/FK 03/00736

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 A61M39/10 A61M5/34 F16L13/00 F16L37/084

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

 $\label{lem:minimum} \begin{array}{ll} \mbox{Minimum documentation searched (classification system followed by classification symbols)} \\ \mbox{IPC 7} & \mbox{A61M} & \mbox{F16L} \end{array}$

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 868 433 A (MATKOVICH VLADO I) 9 February 1999 (1999-02-09) column 4, line 57 -column 6, line 30 column 14, line 9 - line 48 column 15, line 57 -column 16, line 7 figures 1.6-9	1-3,12
A		6-8
X	DE 196 14 684 A (KEMPER GMBH & CO METALLWERKE G) 5 December 1996 (1996-12-05) column 2, line 41 -column 3, line 50; figures 1-3	12
Y A	-/	1,4-6

Y Further documents are listed in the continuation of box C.	Patent family members are listed in annex.
Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filling date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filling date but later than the priority date claimed	 'T' later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X' document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y' document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. *&' document member of the same patent family
Date of the actual completion of the international search	Date of malling of the international search report
11 September 2003	17/09/2003
Name and mailing address of the ISA	Authorized afficer
European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Schönleben, J

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Interna : Application No PCT/FR 03/00736

	·	PCT/FR 03/00/36
C.(Continu	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 99 44652 A (BAXTER INT) 10 September 1999 (1999-09-10) abstract; figures 1-7	1,4-6
X	US 2 922 419 A (BEDNARZ EDWARD W) 26 January 1960 (1960-01-26) figures 2,3,5	12
A .	figures 2,3,5	1-3
A	US 3 491 757 A (ARCE RAUL OLVERA) 27 January 1970 (1970-01-27) column 4, line 41 - line 70; figures 10-13	1-4,7,8
	-	
i		
	·	
		·



mation on patent family members

Interna I Application No PCT/FR 03/00736

Patent document cited in search report	T	Publication date		Patent family member(s)		Publication date
 US 5868433		09-02-1999	US	5393101	A	28-02-1995
			ΑT	181146		15-06-1999
			ΑT	191267	T	15-04-2000
			ΑT	210792	T	15-12-2001
			ΑT	205291		15-09-2001
			ΑT	191548		15-04-2000
			AU	688740		19-03-1998
			AU	5351794		26-04-1994
			AU	7307598		20-08-1998
			AU	7307698		20-08-1998
			AU	733299		10-05-2001
			AU	7307798		20-08-1998
			AU	7307898		20-08-1998
			CA	2101826		03-04-1994
			DE	69325286 69325286		15-07-1999
			DE	69328265		09-12-1999 04-05-2000
			DE DE	69328265		02-11-2000
			DE	69328315		11-05-2000
			DE	69328315		09-11-2000
			DE	69330723		11-10-2001
			DE	69330723		11-07-2002
			DE	69331342		24-01-2002
			DE	69331342		23-05-2002
			EP	0668976	A1	30-08-1995
			EP	0756121	A2	29-01-1997
			EP	0756122·		29-01-1997
			EP	0756123		29-01-1997
			EP	0756124		29-01-1997
			EP	0926418		30-06-1999
			FR	2696526		08-04-1994
			GB	2286030	A,B	02-08-1995
			GB	2299840		16-10-1996
			GB	2299841		16-10-1996
			GB	2299842		16-10-1996
			GB IT		A,B B	15-01-1997 22-04-1996
			JP		T T	12-03-1996
			JP	2003214582	-	30-07-2003
			JP	2003214382		27-06-2003
			us	2002093192		18-07-2002
			US	6341802		29-01-2002
			WO	9408173		14-04-1994
			US	5810398		22-09-1998
DE 19614684	Α	05-12-1996	DE	29509041	 U1	24-08-1995
	• •	-	DE	19614684		05-12-1996
			AT	404395		25-11-1998
			ΑT	74896		15-03-1998
			CH	690192		31-05-2000
			DE	29608292		04-07-1996
			SE 	9601885	A 	02-12-1996
~		-			_	17 10 0000
WO 9944652	Α	10-09-1999	US	6132413		17-10-2000
WO 9944652	Α	10-09-1999	EP	1059949	A 1	20-12-2000
WO 9944652	Α	10-09-1999			A 1	
W0 9944652 	A	10-09-1999 	EP	1059949	A 1	20-12-2000



i Application No

mation on patent tanny members

PCT/FK 03/00736

Patent document cited in search report Publication date Patent family member(s) Publication date US 3491757 27-01-1970 NONE Α